

PROPERTY ANALYSIS



GOAL

The goal of this task is to recreate the reports that have been created using PowerPivot and DAX measures.

TASK 1

Open a new Excel file, use the "From Text/CSV" option to load the two provided CSV files directly into the Data Model, and select the option to create only connections, as shown in the lectures.

TASK 2

Next, open "Power Pivot for Excel", switch to the Diagram view, and establish a relationship between the two tables by connecting the "property_id" column in the "dim_properties" table to the "property_id" column in the "fact_bookings" table.

TASK 3

To proceed further, create a Pivot Table and ensure that you choose the "From Data Model" option. Construct the PivotTable as per the format presented in the "report1.pdf" and "report2.pdf" files. During the process, generate the DAX measures as per the specifications provided. You will primarily use the SUM(), COUNT(), and AVERAGE() functions to create the DAX measures.

QNA

1. Among properties falling in the Business category, which property generated the highest revenue in the month of June as compared to others?

Ans. Atliq Exotica

2. For Atliq Grands in the week of 'W 27', which booking platform was the most effective in generating revenue?

Ans. Make your trip

3. What was the average rating of 'Atliq Blu' in the month of July?

Ans. 4.6



REQUIRED TABLES

category	All			
city	All			
Row Labels		Total_noof_booking	total_revenue_generated	Average_rating
Jun				
Atliq Blu		85	₹ 8,56,600.00	4.4
Atliq City		70	₹ 12,07,255.00	3.1
Atliq Exotica		98	₹ 15,70,350.00	4.4
Atliq Grands		36	₹ 4,72,570.00	4.3
Atliq Seasons		44	₹ 8,38,950.00	2.3
Jul				
Atliq Blu		132	₹ 12,29,800.00	4.6
Atliq City		96	₹ 16,35,995.00	3.0
Atliq Exotica		109	₹ 17,11,425.00	4.2
Atliq Grands		57	₹ 7,46,690.00	4.1
Atliq Seasons		38	₹ 7,02,440.00	2.5
Grand Total		765	₹ 1,09,72,075.00	3.9

Row Labels	Total_noof_booking	total_revenue_generated	Average_rating
W 23			
Jun			
direct offline	11	₹ 1,56,260.00	3.9
direct online	16	₹ 1,89,200.00	4.1
journey	17	₹ 2,63,470.00	3.9
logtrip	20	₹ 3,36,640.00	4.0
makeyourtrip	40	₹ 5,69,445.00	3.5
others	84	₹ 12,78,390.00	3.7
tripster	15	₹ 2,03,775.00	3.9
W 24			
Jun			
direct offline	5	₹ 1,04,050.00	3.8
direct online	15	₹ 2,02,605.00	3.6
journey	10	₹ 1,64,300.00	4.6
logtrip	21	₹ 3,52,140.00	3.9
makeyourtrip	22	₹ 3,02,770.00	3.5
others	48	₹ 6,80,360.00	4.3
tripster	9	₹ 1,42,320.00	3.3
W 27			
Jul			
direct offline	6	₹ 72,410.00	4.0
direct online	20	₹ 2,95,610.00	3.8
journey	14	₹ 1,97,960.00	3.6
logtrip	20	₹ 2,20,660.00	3.8
makeyourtrip	33	₹ 4,82,460.00	4.1
others	47	₹ 6,87,870.00	4.0
tripster	10	₹ 1,33,485.00	4.2
W 28			
Jul			
direct offline	12	₹ 1,44,550.00	3.6
direct online	26	₹ 3,66,790.00	4.0
journey	19	₹ 3,10,550.00	4.0
logtrip	33	₹ 4,22,125.00	3.9
makeyourtrip	63	₹ 8,88,175.00	3.8
others	106	₹ 15,27,725.00	3.9
tripster	23	₹ 2,75,980.00	3.9
Grand Total	765	₹ 1,09,72,075.00	3.9

category	All			
city	All			
Row Labels	Total_noof_booking	total_revenue_generated	Average_rating	
W 23				
Jun				
Atliq Blu	53	₹ 5,23,400.00	4.3	
Atliq City	45	₹ 7,98,745.00	3.0	
Atliq Exotica	57	₹ 9,20,850.00	4.3	
Atliq Grands	20	₹ 2,37,300.00	4.3	
Atliq Seasons	28	₹ 5,16,885.00	2.4	
W 24				
Jun				
Atliq Blu	32	₹ 3,33,200.00	4.5	
Atliq City	25	₹ 4,08,510.00	3.1	
Atliq Exotica	41	₹ 6,49,500.00	4.5	
Atliq Grands	16	₹ 2,35,270.00	4.4	
Atliq Seasons	16	₹ 3,22,065.00	2.1	
W 27				
Jul				
Atliq Blu	50	₹ 4,98,350.00	4.6	
Atliq City	32	₹ 5,19,010.00	3.0	
Atliq Exotica	35	₹ 5,42,025.00	4.2	
Atliq Grands	20	₹ 2,59,070.00	4.4	
Atliq Seasons	13	₹ 2,72,000.00	2.5	
W 28				
Jul				
Atliq Blu	82	₹ 7,31,450.00	4.6	
Atliq City	64	₹ 11,16,985.00	3.0	
Atliq Exotica	74	₹ 11,69,400.00	4.2	
Atliq Grands	37	₹ 4,87,620.00	4.0	
Atliq Seasons	25	₹ 4,30,440.00	2.5	
Grand Total	765	₹ 1,09,72,075.00	3.9	

THANK YOU

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